

Reflective Film

ABSTRACT

The present invention provides a reflective film that can be adhered to a surface of a construction material to form a composite material that is useful as radiant heat insulation in industrial, commercial and residential buildings. The reflective film comprises a layer of Aluminum foil adhered to a surface of a polymer film. Also provided is an alternative in which the reflective film comprises a layer of Aluminum foil adhered to polymer-coated kraft paper. The polymer film or polymer-coated kraft paper composite is formulated such that reflective film may be laminated to the surface of the construction material without the use of an adhesive. Also provided are manufacturing processes for the production of the reflective film, or film composite, and for laminating the film or film composite to the surface of a construction material.